



BN/SB/08A/B

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet	1	of	1	Application Number	10/629,838
				Filing Date	July 30, 2003
				First Named Inventor	Susumu SATOMI
				Group Art Unit	1615
				Examiner Name	Thurman K. PAGE
				Attorney Docket Number	SATOMI=1A

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

**NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	BB	Doweiko et al., "Role of Albumin in Human Physiology and Pathophysiology", <u>Journal of Parenteral and Enteral Nutrition</u> , Vol. 15, No. 2, pp. 207-211, 1991.	
	BC	CRAIG et al., "Pharmacokinetics in Disease States", <u>Modern Pharmacology</u> , 4 <sup>th</sup> Ed., Pg. 61, 1994.	

Examiner  
SignatureDate  
Considered

8/1/406

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP §901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(use as many sheets as necessary)**

Sheet	1
-------	---

1

**of**

1

Complete if Known

Application Number	10/629,838
--------------------	------------

<b>Filing Date</b>	<b>July 30, 2003</b>
--------------------	----------------------

First Named Inventor	Susumu SATOMI et al.
----------------------	----------------------

Group Art Unit	1615
----------------	------

Confirmation Number	7270
---------------------	------

Attorney Docket Number	SATOMI=1A
------------------------	-----------

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

8/14/06

\* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

*(use as many sheets as necessary)*

Sheet	1
-------	---

of 2

**Complete if Known**

Application Number

**Not yet received**

**Filing Date**

**Even date herewith**

**First Named Inventor**

**Susumu SATOMI**

### Group Art Unit

**Examiner Name**

Attorney Docket Number

**SATOMI 1A**

[illegible][illegible]

**Examiner  
Signature**

Date  
Considered

8/1x10 f

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	Not yet received
		Filing Date	Even date herewith
		First Named Inventor	Susumu SATOMI
		Group Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	SATOMI 1A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
A	AI	CHIBA, et al., "Effect of an Exogenous Energy Source and Amino Acids on DNA Synthesis in Regenerating Rat Liver," Biochimica et Biophysica Acta, 755 (1983): 420-427	
	AJ	RIGOTTI, et al., "Effects of Amino Acid Infusions on Liver Regeneration after Partial Hepatectomy in the Rat," Journal of Parenteral and Enteral Nutrition, 10(1): 17-20 (1986)	
	AK	KIRSCH, et al., "The effect of intragastric feeding with amino acids on liver regeneration after partial hepatectomy in the rat," The American Journal of Clinical Nutrition, 32 (1979): 738-740	
	AL	Holecsek, et al., "Effect of glucose and branched chain amino acid (BCAA) infusion on onset of liver regeneration and plasma amino acid pattern in partially hepatectomized rats," Journal of Hepatology, 13 (1991): 14-20	
	AM	FREUND, et al., "Nitrogen-sparing mechanisms of singly administered branched-chain amino acids in the injured rat," Surgery, 90 (1981): 237-243	
	AN	Abstract of JP 56068374; published June 9, 1981; UNUMA NAOO	
	AO	MARCHESINI, et al. Anticatabolic Effect of Branched-Chain Amino Acid-Enriched Solutions in Patients with Liver Cirrhosis. Hepatology. 4(2):420-425 (1982)	
	AP	NAGASUE, et al. Infusion of Branched Chain Amino Acids After Partial Hepatectomy in Man. Nutrition and Cancer. 6(1):32-39 (1984)	
	AQ	Database Accession No. NLM7016402. ERIKSSON, et al. A Comparison of the Effects of Intravenous Infusion of Individual Branched-chain Amino Acids on Blood Amino Acid Levels in Man. (1981)	
	AR	JELLINGER, et al. Brain Monoamines in Human Hepatic Encephalopathy. Acta. Neuropathologica. 43:63-68 (1978)	
	AS	CHIBA, et al. Effect of an Exogenous Energy Source and Amino Acids on DNA Synthesis in Regenerating Rat Liver. Biochimica et Biophysica Acta, 755 (1983): 420-427	
	AT	RIGOTTI, et al. Effects of Amino Acid Infusions on Liver Regeneration after Partial Hepatectomy in the Rat. Journal of Parenteral and Enteral Nutrition, 10(1): 17-20 (1986)	
	AU	KIRSCH, et al. The effect of intragastric feeding with amino acids on liver regeneration after partial hepatectomy in the rat. The American Journal of Clinical Nutrition, 32 (1979): 738-740	
	AV	Holecsek, et al. Effect of glucose and branched chain amino acid (BCAA) infusion on onset of liver regeneration and plasma amino acid pattern in partially hepatectomized rats. Journal of Hepatology, 13 (1991): 14-20	
	AW	FREUND, et al. Nitrogen-sparing mechanisms of singly administered branched-chain amino acids in the injured rat. Surgery, 90 (1981): 237-243	
	AX	Robbins et al., "Pathologic Basis of Disease"; third edition, 1988; pages 12-13, 450-451	
	AY	Riverside Webster's II New College Dictionary, page 204	
G	AZ	Eriksson et al., "A Comparison of the Effects of Intravenous Infusion of Individual Branched-chain Amino acids on Blood amino acid levels in Man; data base NLM7016402 (1981)	

Examiner Signature		Date Considered	8/14/86
--------------------	--	-----------------	---------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.